

TILT-OUT SHELF GUIDE MECHANISM SUITABLE FOR RACK MOUNT COMPUTING SYSTEMS

ABSTRACT OF THE DISCLOSURE

Tilt out shelf guide mechanism suitable for rack mount computing systems are
5 disclosed. The mechanism generally includes a slidable shelf and two opposing shelf
tracks configured to support and guide the shelf. The slidable shelf incorporates a storage
or component mounting region and a rear catch mechanism at the rear end of the shelf.
The rear catch mechanism has a shelf-mounted pivot. The two opposing shelf tracks
incorporate a pivot support at the front end of the tracks configured to engage the pivot of
10 the shelf when the rear end of the shelf is approximately adjacent to the front end of the
tracks, whereupon the pivot of the shelf is supported by the rear catch mechanism of the
guides and the shelf is pivotable about the pivot.